CONTRACTORS AND **ENGINEERS** ARCHITECTS, GREEN BUILDING FOR 2008

Registration i

Available

principals.

greenness evaluating the ENERGY • GREEN • MATERIALS • STRAW Green Building for Architects, Engineers, and Contractors **STRAW** A practical, one-day seminar where you'll: CTION **Explore** the cost benefits of green buildings ERGY **Examine** the process of building green REEN • Review construction waste management RIALS practices **Establish** techniques to be more energy INCE efficient in the building process RAW **Examine** alternative building materials, TION including earth and straw ERGY REEN Nashville, TN RIALS Thursday, June 12, 2008 NANCE 6.0 HSW PDHs for Tennessee Architects and Engineers 6.0 AIA HSW Learning Units 0.6 CSI HSW CEUs (See inside for details.)

STRAW • CONSTRUCT



SEMINAR AGENDA



Understanding Basic Principles of Green Building

S. Lawrence, M. Farnsworth, G. Griffith

- ▶ Terminology
- ▶ Cost benefits of green for residential and commercial buildings
- ▶ Green building strategies and techniques
 - Site planning
 - Building materials and equipment
 - Building envelope
 - Renewable energy strategies
 - Energy efficiency
 - Water use
 - Construction waste management practices
 - Commissioning buildings
 - Operation and maintenance

The Paradox of Green Building

H. Switzer, K. Culver

• Green buildings come in many shades of green

• How do you evaluate the greenness of green building materials?

▶ Green building is not just about materials but also the process

Building with Earth and Straw: Adding Earth and Straw to the **Architects Pallet of Materials**

H. Switzer. K. Culver

Straw bales are a class 'A' fire resistive building material

- Most straw in the US is burned/high particulate pollutant
- ▶ Straw bales can provide an R-30 or better wall
- Delay bearing sub soils are a time honored building material



SEMINAR FACULTY



Skip Lawrence is the CMO of Lawrence Bros, LLC in Nashville. Under his leadership, Lawrence Bros. has built 100 percent EarthCraft and Energy Star certified homes since 2005. As of 2007 all homes are on track to be 100 percent certified LEED Gold and/or Platinum. Some of his memberships include the United State Green Building Council (USGBC), the Vice Mayors Nashville/Davidson County Green Permits Task Force Committee, the Nashville Downtown Partnership, the Residential Development Committee, and the Urban Land Institute. Mr. Lawrence has won several awards including the 2007 Governor's Environmental Stewardship Award for Building Green, the 2006 Tributarian Award for protecting the Cumberland River watershed, and the USGBC 2007 Green Star Award for excellence and devotion to high performance sustainable building practices.

Margo Farnsworth is a senior fellow for the Cumberland River Compact in Nashville. Ms. Farnsworth has also worked as a naturalist, science teacher, mammalogist, and park ranger. Since 2000 she and The Compact have worked together to build trust and enhance water quality with partners across Middle Tennessee and Southern Kentucky. With a masters degree in Science Education and an undergraduate degree in Parks Administration, her professional accomplishments include research in the areas of environmental education, qualitative mammal studies, environmental strategy work, as well as service on numerous local and state environmental boards and committees.

Dr. Gwen Griffith is a veterinarian turned conservationist, who applies her medical training to promoting ecosystem health at the landscape level. Ms. Griffith's background includes 20 years of veterinary practice and 12 years in positions related to conservation and environmental policy. Currently she serves as program director of the Cumberland River Compact. She directs the Building Outside the Box (BOB) Program, with the goal of bringing sustainable building practices to restore water quality to impaired streams. The BOB program demonstrates water friendly, and energy efficient home construction, farming practices, and stream restoration techniques.

Howard Switzer is a practicing architect with more than 30 years of experience designing passive solar homes and working with owner/builders on many alternative building techniques and materials. With his wife, Katey Culver, a permaculture designer, they formed Ecoville Architects and have been helping owner/builders and other groups build healthy passive solar buildings using plastered straw bale construction and other uncommon building techniques. They present workshops at the Ecovillage Training Center and around the region annually as a vehicle to educate folks on what truly constitutes a sustainable building and how to build one. Their work has been featured in Mother Earth News.

ADDITIONAL INFORMATION

- ▶ Tuition: \$259.00 for one, or \$239.00 each for 3 or more from the same company or firm registering at the same time. Please make check payable to HalfMoon LLC. Each registration includes one copy of Green Building for Architects, Engineers, and Contractors. Preregistration is recommended. Walk-in registrations will be accepted at the program if space is available.
- ▶ Send Registrations to: HMS, P.O. Box 268, Eau Claire, WI 54702-0268. You may also register via fax at 715-835-6066, over the phone at 715-835-5900, or online at www.halfmoonseminars.com. We do not send confirmations. You will be contacted if any scheduling changes occur.
- Date: Thursday, June 12, 2008
- **▶ Location:** Scarritt-Bennett Center (615) 340-7500

1008 19th Street Nashville, TN 37212

(Call the Scarritt-Bennett Center or HalfMoon LLC for

directions.)

▶ **Schedule:** Registration 8:00 - 8:30 a.m.

Morning Session 8:30 a.m. - 12:00 noon Lunch 12:00 - 1:15 p.m. (On your own.) Afternoon Session 1:15 - 4:15 p.m.

- **Dontinuing Education Credit:** This program is designed to qualify for 6.0 HSW PDHs for Tennessee architects and engineers. The Tennessee Board of Architecture and Engineering Examiners does not pre-approve continuing education activities, but it holds final authority over PDHs claimed by its licensees. This program is registered with the American Institute of Architects Continuing Education System for 6.0 HSW Learning Units for AIA members. It is also registered with the Construction Specifications Institute Construction Education Network for .6 HSW CEUs for CSI members. This program will qualify for continuing education credit for architects and engineers in most states of licensure. *You may email inquiries to doug@halfmoonseminars.com or call HalfMoon at 715-835-5900*.
- ▶ Cancellations: If your schedule changes and you contact us at least 48 hours before the start of the seminar (CDT), we will offer you a full tuition refund, minus a \$10.00 service charge for each registrant. If you contact us after that time, we will offer you a credit toward another seminar, or a credit toward the CD/manual package. If you desire, you may send another person to take your place at the seminar.
- **DCD/Manual Package:** A full recording of the seminar is available for \$269.00, which includes shipping and handling. Please allow five weeks from the seminar date for delivery.

